



Attorney's Docket No.: 11926-112001

AF/1637

308 #141C (OS)  
11/21/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey Olson et al. Art Unit : 1637  
Serial No. : 09/697,028 Examiner : S. Chunduru  
Filed : October 25, 2000  
Title : METHODS FOR GENETIC ANALYSIS OF DNA TO DETECT SEQUENCE VARIANCES

**BOX AF**

Commissioner for Patents  
Washington, D.C. 20231

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RESPONSE

TECH CENTER 1600/2900

In response to the action mailed August 21, 2002, please amend the application as follows:

In the claims:

Please amend claims 10 and 16 as follows:

10. (Amended) A method for biasing a DNA amplification reaction such that a first nucleic acid molecule having a first nucleotide present at a polymorphic site is amplified to a greater extent than a second nucleic acid molecule having a second, different nucleotide present at the polymorphic site, comprising

(a) contacting a sample of DNA comprising at least the first nucleic acid molecule with two amplification primers that hybridize to both the first nucleic acid molecule and the second nucleic acid molecule at locations which flank the polymorphic site such that neither the first primer nor the second primer hybridizes to the polymorphic site, one of the two primers including a 5' portion which, when incorporated into an amplification product, will upon further amplification yield products that form a stable stem-loop structure, the stem of which is perfectly

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

November 12, 2002

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